

DOCKET NO.: CRNT-0014

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent of:

Paul A. Kline

Serial No.: 09/835,532

Examiner: Not Yet Assigned

Filed: April 16, 2001

Group: 2817

For: **DIGITAL COMMUNICATIONS UTILIZING MEDIUM VOLTAGE  
POWER DISTRIBUTION LINES**

DATE OF DEPOSIT 10/22/01

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
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Michael D. Stein  
TYPED NAME: Michael D. Stein  
REGISTRATION NO.: 34,734

Box DSD  
Commissioner for Patents and Trademarks  
Washington DC 20231

**POWER OF ATTORNEY WITH REVOCATION  
AND CERTIFICATE UNDER 37 CFR 3.73(b)**

Revoking any and all powers of attorney heretofore given in the matter of the above-entitled application, the undersigned, assignee of the entire interest in the above-identified application, hereby appoints the attorneys listed below of the firm of WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania, 19103, as attorneys for applicant, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

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DOCKET NO.: CRNT-0014

- 2 -

PATENT

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Dianne B. Elderkin	Registration No. 28,598	Michael K. Jones	Registration No. 41,100
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☒ A Statement under 37 C.F.R. §3.73(b) and copies of relevant documents accompany this Revocation of Power of Attorney.

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DOCKET NO.: CRNT-0014

- 3 -

PATENT

STATEMENT UNDER 37 C.F.R. 63.73(b)

Current Technologies, L.L.C., a Delaware corporation

states that it is:

☒ the assignee of the entire right, title, and interest; or

☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above.

☐ 1. The assignment was recorded in the Patent and Trademark Office at Reel @ @ , Frame(s) @ @ .

☒ 2. The assignment has not yet been recorded. A copy of the assignment is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

**DOCKET NO.: CRNT-0014**

**- 4 -**

**PATENT**

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

  
\_\_\_\_\_  
Signature

Name: **Scott Bruce**

Title: **General Counsel**

Date: 10/10/01

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**DOCKET NO.: CRNT-0014**

**PATENT  
 Sole Inventor**

**(Pending Application;  
 Serial No. Known)**

**ASSIGNMENT**

**WHEREAS, I Paul A. Kline, herein after referred to as the assignor, residing at 19501 Ridge Heights Drive, Gaithersburg, Maryland 20879, am the inventor of certain inventions or improvements for which I have made application for Letters Patent of the United States, identified as Serial No. 09/835,532 filed April 16, 2001, entitled DIGITAL COMMUNICATIONS UTILIZING MEDIUM VOLTAGE POWER DISTRIBUTION LINES; and**

**WHEREAS, Current Technologies, L.L.C., hereinafter referred to as the assignee, of 12800 Middlebrook Road, Suite 201, Germantown, Maryland 20874, a corporation of Delaware is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:**

**NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any re-issue or re-issues or extension or extensions of said Letters Patent, and assign to and authorize said assignee to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.**

**AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.**

**DOCKET NO.: CRNT-0014**


**PATENT**  
**Sole Inventor**

AND I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents of applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

9-26-01

Date

  
\_\_\_\_\_(L.S.)  
Paul A. Kline

STATE OF Maryland :  
COUNTY OF Montgomery : SS

On this 26 day of Oct, year of 2001, before me personally came the above named PAUL KLINE to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Barbara Folue  
Notary Public

**RECEIVED BY THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

Paper: Power of Attorney with Revocation And Certificate Under 37 CFR 3.73(b) (w/first class stamp); Copy of executed Assignment document of Paul A. Kline and Sergey I. Dickey assigning their rights to Current Technologies, L.L.C. (3 pages); Postcard

**Title: METHOD AND APPARATUS FOR INTERFACING RF SIGNALS TO MEDIUM VOLTAGE POWER LINES**

Inventor: Paul A. Kline et al

Serial No.: 09/837,972

Filed: April 19, 2001

Docket No.: CRNT-0016

Date Sent: October 22, 2001

(MDS/jikeeler)

OCT 23 2001

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Paper: Power of Attorney with Revocation And Certificate Under 37 CFR 3.73(b) (w/first class stamp); Copy of Notice of Recordation of Assignment Document and executed Assignment document of Paul A. Kline assigning his rights to Current Technologies, L.L.C. (3 pages); Postcard

**Title: METHOD OF ISOLATING DATA IN A POWERLINE COMMUNICATIONS NETWORK**

Inventor: Paul A. Kline

Serial No.: 09/765,910

Filed: January 19, 2001

Docket No.: CRNT-0008

Date Sent: October 22, 2001

(MDS/jikeeler)

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Paper: Power of Attorney with Revocation And Certificate Under 37 CFR 3.73(b) (w/first class stamp); Copy of executed Assignment document of Paul A. Kline assigning his rights to Current Technologies, L.L.C. (2 pages); Postcard

**Title: DIGITAL COMMUNICATIONS UTILIZING MEDIUM VOLTAGE POWER DISTRIBUTION LINES**

Inventor: Paul A. Kline

Serial No.: 09/835,532

Filed: April 16, 2001

Docket No.: CRNT-0014

Date Sent: October 22, 2001

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**Title: SYSTEM AND METHOD FOR COMMUNICATION VIA POWER LINES USING ULTRA-SHORT PULSES**

Inventor: Paul A. Kline

Serial No.: 09/804,638

Filed: March 4, 2001

Docket No.: CRNT-0013

Date Sent: October 22, 2001

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